

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.:	10/579,489	§	Confirmation No.	To Be Assigned
Applicant:	Peter Finmans	§		
Filed:	05/16/2006	§		
TC/A.U.	To Be Assigned	§		
Examiner:	To Be Assigned	§		
Title:	Process for the procution of metal salts...	§		
Docket No.:	Muller-56	§		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record in the above referenced application the references listed on the enclosed Form PTO-1449. Copies of the cited references are enclosed herewith.

Respectfully submitted,

C. James Bushman
Reg. No. 24,810

Date: April 13, 2007

BROWNING BUSHMAN
5718 Westheimer, Suite 1800
Houston, TX 77057
Tel.: (713) 266-5593
Fax: (713) 266-5169

CERTIFICATE OF MAILING

I certify that this document is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 13, 2007.

Leah Lee

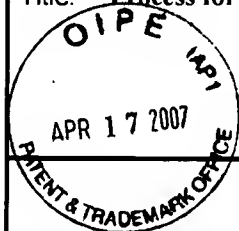
TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
Muller-56

In Re Application Of: **Peter Finmans**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/579,489	05/16/2006	To Be Assigned	39703	To Be Assigned	To Be Assigned

Title: **Process for the production of metal salts of trifluoromethane sulphonic acid and their use as esterification catalysts**



Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
Muller-56

In Re Application of: **Peter Finmans**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/579,489	05/16/2006	To Be Assigned	39703	To Be Assigned	To Be Assigned

Title: **Process for the production of metal salts of trifluoromethane sulphonic acid and their use as esterification catalysts**



Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 02-4345 as described below.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.
- ☐ Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

April 13, 2007

(Date)

Signature of Person Mailing Correspondence

Leah Lee

Typed or Printed Name of Person Mailing Certificate

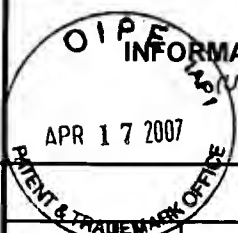
***This certificate may only be used if paying by deposit account.**

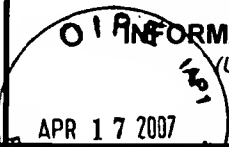
Signature

Dated: April 13, 2007

C. James Bushman, Reg. No. 24,810
Browning Bushman P.C.
5718 Westheimer, Suite 1800
Houston, Texas 77057-5771
Phone: (713) 266-5593
Fax: (713) 266-5169

CC:

 <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p>				ATTY DOCKET NO. Muller-56		APPLICATION NO. 10/579,489		
				APPLICANT(S) Peter Finmans				
				FILING DATE 05/16/2006		GROUP ART UNIT To Be Assigned		
				U.S. PATENT DOCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		4,219,540	08/26/1980	Soldati et al.				
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		EP0945423	03-13-1999	Europe				
		JP2003073330	12-03-2003	Japan			✓	
		JP09227442 (Pub)	02-09-1997	Japan			✓	
		EP0287426	01-04-1988	Europe			✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
		Houben-Weyl, "Methoden der Organischen Chemie, Georg Thime Verlag, Stuttgarr Bd. VIII 4. edition, 1952, p. 520						
		Ishihara et al., "Scandium Trifluoromethansulfonate as an Extremely Active Lewis Acid Catalyst in Acylation of Alcohols with Acid Anhydrides and Mixed Anhydrides" Journal of Organic Chemistry, American Chemical Society, Easton, USA vol. 61, 1996, p. 4560-4567						
EXAMINER				DATE CONSIDERED				
/Peter O Sullivan/				12/22/2009				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

	ATTY DOCKET NO. Muller-56		APPLICATION NO. 10/579,489	
	Peter Finmans			
	FILING 05/16/2006		GROUP ART To Be Assigned	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Schmeisser et al. "Zur Chemie der Perfluoralkansulfonsauren" Chemische Berichte, CVerlag Chemie GmbH, vol. 103, 1970, p.868-879
		George A. Olah "Boron, Aluminum and Gallium Tris(trifluoromethanesulfonate) (Triflate): Effective New Friedel-Crafts Catalysts, American Chemical Society, Washington, DC, USA vol. 110, No. 8, 1988, p. 2560-2565

EXAMINER /Peter O Sullivan/	DATE CONSIDERED 12/22/2009
---------------------------------------	--------------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION*(Use several sheets if necessary)*

ATTY DOCKET NO.

Muller-56

APPLICATION NO.

10/579,489

Peter Finmans

FILING

05/16/2006

GROUP ART

To Be Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

Atsushi Kawada, "Lanthanide Trifluoromethanesulfonates as Reusable Catalysts: Catalytic Fridel-Crafts Acylation" Journal of the Chemical Society, Chemical Communications, Chemical Society, Letchwood, GB, vol. 14, 21 July 1993, p. 1157 - 1158

EXAMINER

/Peter O Sullivan/

DATE CONSIDERED

12/22/2009

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.